

TOP SECRET

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PHOTOGRAPHIC INTERPRETATION REPORT

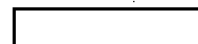


ORIGINAL RECORDS COPY

HA-ERH-PIN

MF-HF BROADCAST FACILITY

CHINA



25X1

MAY 1967

COPY 117

2 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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May 1967

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NAME

Ha-erh-pin MF-HF Broadcast Facility

COUNTRY

GEO COORDINATES

NPIC NO

COMOR NO

China

45-41N 126-48E

42G

None

25X1

25X1

The Ha-erh-pin MF-HF Broadcast Facility (Figure 1) is 8 nm east-south-east of Ha-erh-pin, China. Within the main security fence are 5 antenna areas and 2 separately secured areas which are designated A and B on Figure 1.

Within antenna area 1 are 2 vertical MF radiators which are over a radial ground plane. The more northerly radiator is driven and the other acts as a reflector. Within antenna area 2 is a directional HF broadcast array. Both antenna areas 3 and 4 contain horizontal dipole antennas. Within antenna area 5 is an omnidirectional circular HF array which consists of 5 stick masts in an outer circle, 1 mast at the center, and an undetermined number of short posts which are positioned to form an inner circle. A similar array has been described in a Soviet publication 1/ as being a cylindrical antifading array.

Within area A are the control building and 4 support buildings and within area B are 4 barracks-type buildings.

No Thick-Eight HF/DF array has been identified on available photography of the area of this broadcast facility.

Additional Reference:

1. Shinev, K.D., Antennas (Edited Translation), Air Force FTD-TT-62-1826 (Defense Documentation Center AD-429454), Dec 63 pp 284-288 (UNCLASSIFIED)

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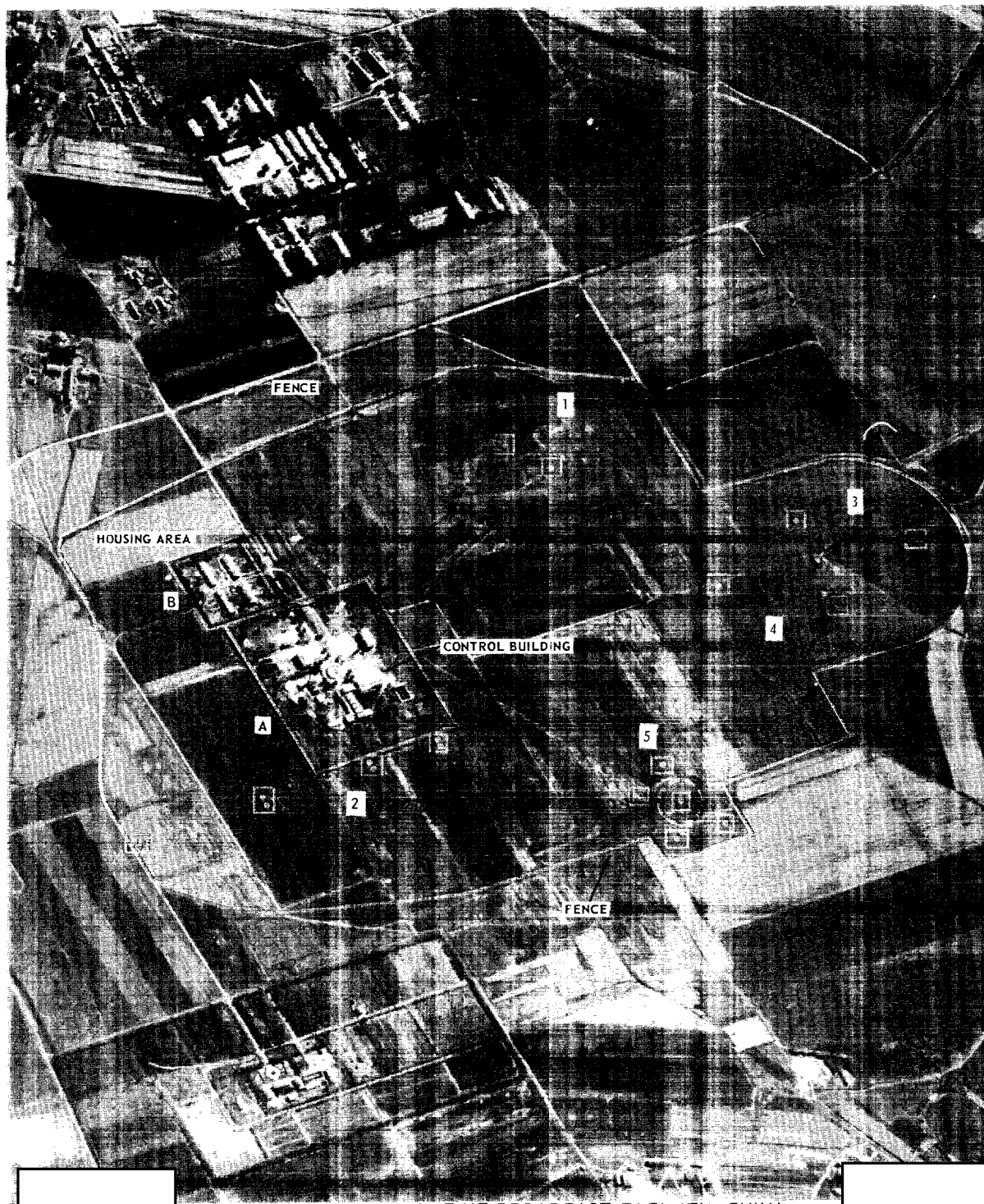


FIGURE 1. HA-ERH-PIN MF-HF BROADCAST FACILITY CHINA.

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